

SENSOR STRUCTURES AND METHODS FOR REDUCTION OF  
DIFFERENTIAL-HEATING SIGNAL ERRORS  
IN INTEGRATED CIRCUITS

ABSTRACT OF THE DISCLOSURE

5 Correction sensors and methods are provided for reduction of  
differential-heating signal errors along a differential signal path of an  
electronic circuit. An exemplary correction sensor includes first and  
second transistors which are coupled to different sides of the differential  
signal path and a differential error amplifier that couples a differential  
correction signal to the differential signal path in differential response to  
10 a differential error signal generated by like terminals of the first and  
second transistors. Bias generators are preferably included to bias at  
least one set of same terminals of the first and second transistors that  
differ from the like terminals.